



**MYMAJOR.FIU.EDU**

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**ADVISOR MANUAL**



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# **INTRODUCTION**

## **What is MyMajor?**

MyMajor provides in-depth information on all FIU Undergraduate majors, their admissions criteria, career opportunities, and their departments' contact information. MyMajor includes MajorMaps, or programs of study, that shows students what they need to take in order to graduate in a timely manner.

## **GSI Suite Technological Tools**

- [mymajor.fiu.edu](http://mymajor.fiu.edu)
- [my.fiu.edu](http://my.fiu.edu)
- MyMajorMatch

## **Why MyMajor?**

The goal of this website is to assist students in finding the right major. MyMajor showcases all the majors at FIU, making it easier to navigate and see the different possibilities available.

## **What are the benefits?**

- MyMajor places the FIU majors at the students' fingertips.
- MyMajor provides students with a one-stop shop to the different majors offered at FIU.
- MyMajor provides Major Maps (Plans of Study) which outline the student's academic career.
- MyMajor can increase retention and graduation rates.

This Training Manual will guide you on how to navigate and use the MyMajor website.

# HOW TO ACCESS AND USE MYMAJOR

1. Go to [mymajor.fiu.edu](http://mymajor.fiu.edu)

The screenshot shows the MyMajor website interface. At the top, there is a blue header with the FIU logo (Florida International University) and the text "MyMajor". Below the header, the main heading is "UNDERGRADUATE DEGREE SEARCH". A welcome message reads: "Welcome to MyMajor! MyMajor provides in-depth information on all FIU Undergraduate majors, their departments' contact information. MyMajor includes MajorMaps, or programs of study, that shows s in a timely manner." Below this, there are two search sections. The first section is labeled "Browse" and contains two dropdown menus: "All areas of interest" and "All campuses", followed by a "Browse" button. Below this, it says "OR by college/school:" followed by a dropdown menu showing "Architecture and the Arts" and a "Browse" button. Underneath, it says "OR [browse all](#)." The second section is labeled "Search" and contains a text input field followed by a "Go" button. Below the input field, it says "Search using career/major name".

## BROWSE MAJORS

2. There are four different browsing options:

- 'All Areas of Interest' on 'All Campuses'
- College/School ( i.e. Architecture and the Arts)
- 'Browse All'
- 'Search' box

on  Browse

OR by college/school:  Browse

OR [browse all](#).

---

Go

Search using career/major name

3. After searching, the search results will display.

Undergraduate Degree Search  on  Go or by college/school:  Go Show all

Apply Now

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### BROWSE MAJORS

1 2 4 Jump: 
Compare

Majors	Degree	Major Maps	College/School	Campuses	▢
<a href="#">Art Education</a>	Bachelor of Science	2-year Transfer, 4-year Freshman	Arts, Sciences, & Education	MMC	▢
<a href="#">Biological Science</a>	Bachelor of Science	2-year Transfer, 4-year Freshman	Arts, Sciences, & Education	BBC, MMC	▢
<a href="#">Biological Science: Biology Education</a>	Bachelor of Science	2-year Transfer, 4-year Freshman	Arts, Sciences, & Education	BBC, MMC	▢
<a href="#">Biological Science: Education (Program Description)</a>	Bachelor of Science	N/A	Arts, Sciences, & Education	MMC	▢
<a href="#">Biochemistry</a>	Bachelor of Science	2-year Transfer, 4-year Freshman	Arts, Sciences, & Education	MMC	▢

4. The Search results are broken down by 'Majors', 'Degree', 'Major Maps', 'College/School', and 'Campuses'

Majors	Degree	Major Maps	College/School	Campuses
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5. By placing your cursor over a major, a pop-up will appear with a brief description of the major.

## BROWSE MAJORS

1 2 4 Jump:

Majors	Degree	
<a href="#">Art Education</a>	Bachelor of Science	2-year T
<a href="#">Biological Science</a>	Bachelor of Science	2-year T
<a href="#">Biological Science</a>	Bachelor of Science	2-year T
<a href="#">Biochemistry</a>	Bachelor of Science	N/A
<a href="#">Chemistry</a>	Bachelor of Science	2-year T
<a href="#">Chemistry</a>	Bachelor of Arts	2-year T
<a href="#">Chemistry</a>	Bachelor of Science	2-year T
<a href="#">Chemistry</a>	Bachelor of Arts	2-year T
<a href="#">Chemistry</a>	Bachelor of Arts	2-year T
<a href="#">Chemistry</a>	Bachelor of Arts	N/A
<a href="#">Chemistry</a>	Bachelor of Arts	2-year T

The Biological Sciences degree program provides a strong foundation in biology, from molecules to ecosystems, including structural and developmental biology, physiology, organismal diversity, and ecology, within an evolutionary framework. Faculty and students work with a diverse array of plant, animal, and microbial organisms and in a wide range of terrestrial, freshwater, and marine habitats. FIU is ideally situated for the study of tropical biology and many of our laboratories specialize in tropical systems.

This field of study will prepare students for further graduate and professional studies, as well as for employment in areas that require university-level training in the life sciences. A Biology Education track prepares students for teaching at the secondary level.

# MAJOR OVERVIEW

<p><b>6. Click on a major you will be directed to the major information page.</b></p>	<p style="text-align: center;"><b>BIOLOGICAL SCIENCE, BACHELOR OF SCIENCE</b></p> <hr/> <p><b>Arts, Sciences, &amp; Education</b>  Campus: <a href="#">Biscayne Bay Campus</a>, <a href="#">Modesto Maidique Campus</a></p> <p style="text-align: center;"><b>Program Description</b></p> <p>The Biological Sciences degree program provides a strong foundation in biology, from molecules to ecosystems, including structural and developmental biology, physiology, organismal diversity, and ecology, within an evolutionary framework. Faculty and students work with a diverse array of plant, animal, and microbial organisms and in a wide range of terrestrial, freshwater, and marine habitats. FIU is ideally situated for the study of tropical biology and many of our laboratories specialize in tropical systems. This field of study will prepare students for further graduate and professional studies, as well as for employment in areas that require university-level training in the life sciences. A Biology Education track prepares students for teaching at the secondary level.</p> <p style="text-align: center;"><b>Admission Requirements</b></p> <p>1. Students entering FIU as Freshmen or as a Transfer student with less than 60 transfer credits  Admissions criteria are the same as the general FIU criteria for students entering with fewer than 60 approved credits. <a href="#">Click here for the details.</a></p> <p>2. Transfer students entering FIU with 60 or more transfer credits  Admissions criteria are the same as the general FIU criteria for students entering with 60 or more approved credits. <a href="#">Click here for the details.</a></p> <p style="text-align: center;"><b>Career Opportunities</b></p>
<p><b>7. You will be able to view the ‘Program Description’, ‘Admission Requirements’, ‘Career Opportunities’, and ‘Contact Information’</b></p>	<p style="text-align: center;"><a href="#">Program Description</a></p> <p style="text-align: center;"><a href="#">Admission Requirements</a></p> <p style="text-align: center;"><a href="#">Career Opportunities</a></p> <p style="text-align: center;"><a href="#">Contact Information</a></p>
<p><b>8. The ‘Program Description’ provides you with background information on the specific major.</b></p>	<p style="text-align: center;"><b>Program Description</b></p> <p>The Biological Sciences degree program provides a strong foundation in biology, from molecules to ecosystems, including structural and developmental biology, physiology, organismal diversity, and ecology, within an evolutionary framework. Faculty and students work with a diverse array of plant, animal, and microbial organisms and in a wide range of terrestrial, freshwater, and marine habitats. FIU is ideally situated for the study of tropical biology and many of our laboratories specialize in tropical systems. This field of study will prepare students for further graduate and professional studies, as well as for employment in areas that require university-level training in the life sciences. A Biology Education track prepares students for teaching at the secondary level.</p>

**9. 'Admission Requirements' provides requirements needed to apply for the major.**

**Admission Requirements**

1. Students entering FIU as Freshmen or as a Transfer student with less than 60 transfer credits

Admissions criteria are the same as the general FIU criteria for students entering with fewer than 60 approved credits. [Click here for the details.](#)

2. Transfer students entering FIU with 60 or more transfer credits

Admissions criteria are the same as the general FIU criteria for students entering with 60 or more approved credits. [Click here for the details.](#)

**10. 'Career Opportunities' allows you to view 'Related Occupations' and 'Wages & Employment Trends' for your specific major.**

**These resources are provided by O\*NET. It is highly encourage to visit O\*NET to browse even more career opportunities which are available.**

**Visit O\*NET at [www.onetonline.org](http://www.onetonline.org) for more information.**

**Career Opportunities**

Related Occupations:

- Bioinformatics Scientists
- Molecular and Cellular Biologists
- Geneticists

Most of these occupations require graduate school. For example, they may require a master's degree, and some require a Ph.D., M.D., or J.D. (law degree)

Wages & Employment Trends for Biological Scientists:

Florida Median income	\$71,590
Florida rate of growth	+7%
National Median wages	\$74,720
National Projected growth	-1%

Source and more information: <http://www.onetonline.org/link/summary/19-1029.00>

**Build your future with O\*NET OnLine.**

Welcome to your tool for career exploration and job analysis!

O\*NET OnLine has detailed descriptions of the world of work for use by job seekers, workforce development and HR professionals, students, researchers, and more!

**What is O\*NET?**

**Occupation Search** Keyword or O\*NET-SOC Code:

**Find Occupations** Browse groups of similar occupations to explore careers. Choose from industry, field of work, science area, and more.

**Advanced Search** Focus on occupations that use a specific tool or software. Explore occupations that need your skills.

**Crosswalks** Connect to a wealth of O\*NET data. Enter a code or title from another classification to find the related O\*NET-SOC occupation.

**What's New?** New data in O\*NET OnLine. Learn More. Get O\*NET news by email or RSS.

**I want to be a...** Start the career you've dreamed about, or find one you never imagined. Find It Now at My Next Move.

**ATTN: VETERANS** Put your military skills and experience to work in civilian life. Learn how at: MY NEXT MOVE FOR VETERANS. Get Started.

**The Green Economy** is changing tasks, skills, and jobs across the country. Learn More Search.

**11. 'Contact Information' allows you to contact the department and/or advisors for more information regarding the major.**

Contact Information
<p>Dr. John Makemson Undergraduate Program Director tel: 305-348-3097 e-mail: <a href="mailto:makemson@fiu.edu">makemson@fiu.edu</a></p> <p>Ms. Evonne Palomino Biology Advisor tel: 305-348-1907 e-mail: <a href="mailto:epalomin@fiu.edu">epalomin@fiu.edu</a></p> <p>Department of Biological Sciences, OE 246 Florida International University 11200 SW 8th Street Miami, FL 33199 <a href="http://casgroup.fiu.edu/Biology">http://casgroup.fiu.edu/Biology</a></p>

# MAJOR MAPS

12. Each Major has a 2-year Transfer and/or 4-Year Freshman Major Map.

Major Maps (Plans of Study) outline the academic career for students. The Major Map shows the courses needed and grade desired by each department. Major Maps are divided into two different career paths, Four Year Freshman, or Two Year Transfer



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## Undergraduate Major Map

Catalog Year: 2017  
College / School: Arts, Sciences & Education  
Major: Biological Sciences - BS  
Track / Concentration:  
Career Path: Four Year Freshman

### Fall Term 2017

Term Hours: 16

The Major map should be used as a general guide. Please make sure to meet regularly with your academic advisor and use your Panther Degree Audit to track your requirements. Also make sure to refer to the Major Map Endnotes for more specific information.

Math placement is based on ALEKS scores, and classes are to be selected in consultation with an advisor.  
Calculus prerequisite math sequence may start from MAT1033 to MAC1105 to MAC1140 and MAC1114 (or MAC1147).

Course Group	Course Required	Course Description	Credit Hours	Critical Indicator	Course Notes
Biology Prerequisites	BSC 1010	General Biology I	3	B	Also satisfies UCC Natural Science Group One course.
Biology Prerequisites	BSC 1010L	Gen Biology Lab I	1		Also satisfies UCC Natural Science Group One lab. Corequisite: BSC1010.
UCC Communication	ENC 1101	Writing and Rhetoric I	3		Course satisfies UCC Communication requirement.
Biology Prerequisites	MAC 2311	Calculus I	4	B	Also satisfies UCC Mathematics Group One course.
UCC First Year Experience	SLS 1501	First Year Exper	1		
Biology Prerequisites	CHM 1045	Gen Chemistry I	3	C	Also satisfies UCC Natural Science Group One course.
Biology Prerequisites	CHM 1045L	Gen Chem Lab I	1		Also satisfies UCC Natural Science Group One lab. Corequisite: CHM1045.

If you have any questions after reviewing this tutorial, please contact [psda@fiu.edu](mailto:psda@fiu.edu)